



Chemonics International

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**Madagascar Cyclone Recovery Program
Rural Roads Infrastructure and Systems Rehabilitation
ReCAP Project**



Seventh Quarterly Report

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This report is submitted before the end of the quarter at the request of USAID/Madagascar.

Table of Contents

List of Tables	2
List of Figures.....	2
List of Acronyms	3
1. Executive Summary	4
2. Report on Results	5
3. Progress against Milestones	5
4. Activities during the Quarter.....	5
a. RNT 14/RIP 4.....	5
b. Ademaka – Manampatrana Road, RP Fa 4	7
c. Bekatra – Lokomby – RN 12, RP 1102 F	8
d. Ambatondrazaka Tertiary Roads.....	8
e. Port of Manakara	9
f. AUPs.....	10
5. Activities for the next quarter	10
6. Expenses.....	10
Annex 1: Ambatondrazaka Evaluation Tables	12
Annex 2: Gantt Chart of remaining project activities.....	15

List of Tables

Table 1: ReCap Results Tracking Table

Table 2: Work Completed, RNT 14, Section 1, EBMA, as of September 3, 2002

Table 3: Work Completed, RNT 14, Section 2, EGEORAM, as of August 7, 2002

Table 4: Results of the RFB for Section 3, RNT 14, PK 41 to PK 46

Table 5: Results of the RFB for the Ademaka to Manampatrana road, RP Fa 4

Table 6: Results of the RFB for the Bekatra to Lokomby road, RP 1102 F

Table 7: Project Expenses by Line Item

Table 8: Construction Subcontracts (as of September 23, 2002)

List of Figures

Cover: RNT 14, Lot 2, EGEORAM, PK 56

Figure 1: RNT 14, Lot 1, EBMA, PK 8+880

Figure 2: RNT 14, PK 41

Figure 3: Manakara warehouse “Export 2”

List of Acronyms

AUP	Association des Usagers de la Piste (Road Users Association)
CO	Contracting Officer
COP	Chief of Party
EIA	Environmental Impact Assessment
ESF	Environmental Screening Form
FCE	Fianarantsoa Cote-Est Rail Line
FCER	FCE Rehabilitation Project
FAR	Federal Acquisition Regulations
FID	Fonds d'Intervention pour le Développement
FMG	Malagasy Francs
GOM	Government of Madagascar
GTDR	Groupe Technique pour le Développement Rurale
IQC	Indefinite Quality Contract
LDI	Landscape Development Interventions
MOE	Ministry of Environment
MTP	Ministère des Travaux Publics
ONE	Office Nationale de l'Environnement
PST	Programme Sectoriel de Transport
RAISE	Rural and Agricultural Income with a Sustainable Environment
RFB	Request for Bids
RFP	Request for Proposals
RIP	Route d'Intérêt Provincial (Road of Provincial Interest)
RP	Route Provinciale
RN	Route Nationale
RNT	Route Nationale Temporaire (Temporary National Road)
SG	Secretary General
TVA	Value Added Tax
USAID	United States Agency for International Development
USG	United States Government

1. Executive Summary

This quarter saw the resumption of field activities following the end of the political crisis in early July. The ordered departure instituted in April was lifted on July 15 and the Chief of Party returned to Madagascar on July 26.

Firms that were unable to work due to the lack of fuel resumed their normal work schedules in July. Consequently, work along the RNT 14 should be completed by the end of this quarter. EBMA won the contract for the rehabilitation of section three of the RNT 14 from PK 41 to PK 46 in Tolongoina.

Eight subcontracts were signed this quarter for a total value of approximately \$897,700 for the six road sections in the Ambatondrazaka region, the Ademaka to Manampatrana road, the Bekatra to Lokomby road and the last five-kilometer section of the RNT 14. All roadwork is scheduled for completion by November 30, 2002.

EGECOT also started the rehabilitation of two warehouses at the Port of Manakara. Work is scheduled for completion in early October.

Negotiations continued with Colas for the Manakara wharf rehabilitation during the month of July. Since this work is scheduled to last five months, it will go beyond the project end date of December 15. Consequently, USAID will not approve this subcontract until an extension of the project end date is agreed upon therefore the start-up of this work is delayed pending that approval.

Socio-organization work resumed in July following a three-month suspension due to the crisis and the difficulties in traveling to the project areas. A team of socio-organizers also started work in the Ambatondrazaka region where an accelerated training schedule was put into place.

The Chemonics Senior Project Manager from Washington arrived in Madagascar on September 19 for a three-week visit in order to supervise project activities and make sure that the team is doing all it can to complete the work on schedule.

2. Report on Results

Work on the RNT 14 will be approximately ninety percent completed by the end of the quarter. Work completed to date is shown in the table below.

Table 1 : ReCap Results Tracking Table

Results	Target	Completed to Date	Amount Remaining	Percent Completed
RIP 4 rehabilitated	93 km.	84 km.	9 km.	90
Road User Associations created along the RIP 4	20	8	12	40
Tertiary Roads Rehabilitated	140 km.	56 km.	84 km.	40
Road User Associations Created along the Tertiary Roads	30	5	25	17
Manakara Port Warehouse Roofs Repaired and Wharf Stabilized	2+1	0	3	0

3. Progress against Milestones

All project activities have been delayed by three to six months due to the political crisis that ended in July. However, all road rehabilitation work and the repair of two warehouses at the Port of Manakara are scheduled for completion by the scheduled project end date of December 15, 2002. The rehabilitation of north wharf has been delayed due to the fact that the work could not be completed before that date. Consequently, this work will begin upon the approval of an extension of the PACD and will continue until the first quarter of 2003, assuming the extension is approved by October 1.

4. Activities during the Quarter

a. RNT 14/RIP 4

Section 1, PK 0 to PK 41, EBMA – The revised contractual end date for work along the first forty-one kilometers of the RNT 14 is August 31 and as of that date, EBMA had completed seventy-five percent of the work. Work is scheduled for completion by the end of this quarter. The table below shows the status of work on Section 1.

Table 2 : Work Completed, RNT 14, Section 1, EBMA, as of September 3, 2002

Description of Work	Budget	Value of work to date	Percent Completed
Worksite Installation	347,360,830	185,186,727	53
Earthwork	862,243,770	769,489,403	89
Drainage	1,121,725,701	727,441,029	65
Road Surface	2,239,366,679	1,834,283,365	82
Bridges/Causeways	91,190,216	5,946,601	7
Protection	588,529,295	385,711,226	66
Equipment	63,471,663	7,959,600	13
Total	5,313,888,154	3,916,017,951	74



Figure 1: RNT 14, Lot 1, PK 8+880

Section 2, PK 46 to PK 93, EGEORAM – Work returned to normal along the second section of the RNT 14 from Tolongoina to Ikongo, however the firm experienced some delays due to the constant rains during the months of July and August and due to the effects of the flu epidemic that was centered in this region. There was a significant decrease in available manpower, in particular quarry workers during the period.

The table below shows the status of work at Section 2 of the RNT 14.

Table 3: Work Completed, RNT 14, Section 2, EGEORAM, as of August 7, 2002.

Description of Work	Budget	Value of work to date	Percent Completed
Worksite Installation	500,000,000	270,000,000	54
Earthwork	500,609,883	501,714,565	100
Drainage	1,270,673,640	846,216,667	66
Road Surface	897,282,815	931,951,796	103
Bridges/Causeways	129,725,310	38,527,481	30
Protection	650,346,420	458,309,619	70
Equipment	67,006,552	0	0
Total	4,015,644,620	3,046,720,127	76

Section 3, PK 41 to PK 46 – A Request for Bids was launched on August 14 for the rehabilitation of the remaining five kilometers along the RNT 14 from PK 41 to PK 46 in Tolongoina. Bids were opened on September 5 and EBMA submitted the lowest financial proposal. The table below shows the results of the bids that were received.

Table 4: Results of the RFB for Section 3, RNT 14, PK 41 to PK 46

Rank	Company	Bid Amount (in FMG)
1	EBMA	406,068,172
2	EGECA	411,023,128
3	RAZAKAMANDIMBY	448,062,382
4	EGECORAM	455,610,826
5	TOLOTSOA	570,424,237

This subcontract will be signed on September 23 and work is scheduled for completion in six weeks. EBMA will start this work at the same time that they are completing work on Section 1 of the RNT 14 and should be finished by mid-November.

This section of the road was not included in the first two subcontracts because of the dire state of the bridge at PK 41. The department of public works was scheduled to repair the bridges with AfDB funding in 2001 but the bidding process has been delayed. Consequently it was decided to go ahead with the rehabilitation before the end of the project. Discussions are continuing with the departments of public works and transport in order to find funding for the repair of the bridges along the RNT 14.



Figure 2: RNT 14, PK 41

b. Ademaka – Manampatrana Road, RP Fa 4

The RFB for this tertiary road that begins at the crossroad of the RNT 14 and ends at Manampatrana was launched earlier this year. However the awarding of the contract was delayed due to the onset of the political crisis and the rise in the cost of fuel and construction materials. At the end of the crisis following the drop in the price of fuel, negotiations resumed with the lowest bidder, EGECORAM, in order for them to reduce their prices to more realistic levels. At the end of the negotiations EGECORAM submitted a revised bid of 383,707,877 FMG. The table below shows the results of the RFB for the Ademaka to Manampatrana road.

Table 5: Results of the RFB for the Ademaka to Manampatrana road, RP Fa 4

Rank	Company	Bid Amount (in FMG)
1	EGECORAM	383,707,877
2	GROUPEMA	384,283,183
3	EGACA	404,475,650
4	DIMBY	427,171,000
5	RAZAKAMANDIMBY	479,237,900
6	ECOGEC	512,776,048
7	EGECOT	518,723,578
8	TOLOTSOA	737,959,030
9	COLAS	1,439,349,646

The subcontract was signed on August 21 and work is scheduled for completion by October 31, 2002.

c. Bekatra – Lokomby – RN 12, RP 1102 F

This road is a continuation of the RN 12 to Sahasinaka and Sahasinaka to Bekatra roads that was rehabilitated earlier this year by Tahina, Tolotsoa and ARR. In response to a RFB that was launched on August 6, six firms submitted bids by the August 19 deadline. Of those six bids, ARR had the lowest bid of 468,656,150 and was awarded the subcontract. The subcontract was signed on September 9; work started on September 16 and is scheduled for completion on November 30, 2002. The table below shows the results of the RFB for the Bekatra to Lokomby road rehabilitation.

Table 6 : Results of the RFB for the Bekatra to Lokomby road, RP 1102 F

Rank	Company	Bid Amount (in FMG)
1	ARR	468,656,150
2	EGACA	499,109,650
3	TOLOTSOA	605,223,569
4	MAMIRATRA	621,433,394
5	SNC	657,290,177
6	GECICOI	969,737,578

d. Ambatondrazaka Tertiary Roads

The subcontracts for the six road sections in the Ambatondrazaka/Imerimandroso regions were awarded in late June/early July. The tables with the scoring matrixes are shown in Annex 1.

Section 1, Ankasina to Antendrondrano road, PK 0 to PK 11+400, Tahina – Tahina scored fifth following EGEORAM, EGACA, EBMA, and ECOGEC. The EGACA and ECOGEC proposals were eliminated after an investigation revealed that they did not have all of the equipment that they claimed they had in their proposal. EBMA was also removed from consideration because they have a significant amount of work remaining from a previous subcontract on the RNT 14. This subcontract was signed on July 29 and work will continue until November 30.

Section 2, Ambohijanaharikely to Koloara road, PK 0 to PK 7+300, ARR - For Lot 2, ARR scored sixth after EGEORAM, EGACA, EBMA, ECOGEC and GROUPEMA. GROUPEMA, the fifth place firm, possesses more equipment and was proposed for a larger section, Lot 3 (13.5 km). Work on this section is scheduled for completion by November 15.

Section 3, Ambavahadiromba to Antsahalemaka road, PK 0 to PK 13+500, Groupema - GROUPEMA scored fifth after EGEORAM, EGECA, EBMA, and EGACA. Work started on July 31 and is scheduled for completion by November 15. The start of work on section 3 has been delayed due to difficulties in transporting equipment to the work site.

Section 4, Ankazotsaravolo to Antanandava road, PK 0 to PK 11+400, EGECA - For Lot 4, EGECA scored third after EGEORAM and EGACA, however EGACA was eliminated from consideration after an investigation determined that they did not have the equipment that they claimed in their bid. EGECA was also favored for this road section since they own a quarry along the Antanandava road which will facilitate

their work. Given the fact that their equipment is already in the area (the firm is based in Ambatondrazaka), EGECA had a minimal mobilisation period and work started quickly. They will complete this subcontract before the contractual end date of November 9, 2002.

Section 5, Tsarahonenana to Betsianjava road, PK 0 to PK 6+210, Tolotsoa - Tolotsoa scored ninth after EGECA, EGECORAM, EGACA, GROUPEMA, ARR, TAHINA, EBMA, and ECOGEC. The other firms: EGECORAM, GROUPEMA, ARR, TAHINA and EGECA were proposed for Lots 6, 3, 2, 1 and 4 respectively. Tolotsoa is scheduled to complete work on section 5 on November 25.

Section 6, Andromba to Ambatomafana road, PK 0 to PK 13+820, EGECORAM Following an evaluation of the technical and financial proposals, EGECORAM had the highest evaluated total score and was awarded this subcontract. Work is scheduled for completion by October 31, 2002.

e. Port of Manakara

Work on the EGECOT subcontract to repair two warehouses at the Port of Manakara (Export 1 and Export 2) started on July 8 after being delayed by two months due to the political crisis. Work is scheduled for completion by October 2, 2002.

The Colas subcontract for the repair of the north wharf was submitted to USAID for consent on August 8 but could not be approved because work could not be completed before the scheduled end of the project, i.e., December 15, 2002. An extension proposal was submitted to USAID on July 17, 2002 that would allow this work to be completed. A revised proposal has been presented and the mission is still awaiting the response from Washington. It is our hope to start this work in early October so that it can be completed by March 2003.



Figure 3: Manakara warehouse “Export 2”

f. *AUPs*

AUP work resumed this quarter after being suspended during most of the previous quarter due to the effects of the political crisis. Socio-organization activities were started in the Ambatondrazaka region in July and twenty-one AUPs will be created in the region during the upcoming months.

AUP unions will be formed along the RNT 14 and Sahasinaka regions during the quarter and negotiations will continue with the local authorities regarding the implementation of tolls and rain barriers.

5. Activities for the next quarter

All roadwork is scheduled for completion during the next quarter along with the repair of the first two warehouses at the Port of Manakara. The rehabilitation of the north wharf will begin in October along with the possible repair of one or two additional warehouses if the USAID mission approves the extension proposal.

6. Expenses

Note that the figures for August and September are estimates due to the fact that we are submitting this quarterly report before the end of the quarter.

Table 7: Project Expenses by Line Item

Line Items	Budget	Previous Total	Jul-02	Aug-02 (est.)	Sep-02 (est.)	Total Expenses to Date (est.)
Work days Ordered	846,990	619,444	18,943	52,820	34,165	725,372
Material	4,297,394	1,993,642	59,226	133,646	93,210	2,279,724
General and Administrative	205,416	93,303	2,730	6,161	4,297	106,491
Total	5,349,800	2,706,389	80,899	192,627	131,672	3,111,588

Table 8: Construction Subcontracts (as of September 23, 2002)

Date Signed	Firm	Title	Amount in FMG	Amount in US (6500 fmg/1)
19-Jun-01	LNBTB	Geo-Technical Study of the RNT 14	91,187,960	\$14,029
10-Aug-01	EBMA	Rehabilitation of the RNT 14 from PK 00 to PK 41	5,313,888,154	\$817,521
10-Aug-01	EGECORAM	Rehabilitation of the RNT 14 from PK 46 to PK 93	4,211,838,470	\$647,975
26-Aug-01	LNBTB	Geo-Technical Supervision of the RNT 14	338,661,400	\$52,102
15-Oct-01	TAHINA	Rehabilitation of the RP 1103 F from the RN 12 to Sahasinaka, PK 0 to PK 12+500	875,303,500	\$134,662
15-Oct-01	TOLOTSOA	Rehabilitation of the RP 1102 F from Sahasinaka, PK 0 to Bebaka, PK 26+500	1,543,483,116	\$237,459
15-Oct-01	ARR	Rehabilitation of the RP 1103 F from Bebaka, PK 26+500 to Bekatra, PK 44+000	1,266,896,200	\$194,907
26-Apr-02	EGECOT	Rehabilitation of two Warehouses at the Port of Manakara	561,952,875	\$86,454
29-Jul-02	TAHINA	Rehabilitation of the Ankasina to Antendrondrano tertiary road, PK 0 to PK 11+400	838,277,000	\$128,966
29-Jul-02	ARR	Rehabilitation of the Ambohijanaharikely to Koloara tertiary road, PK 0 to PK 7+300	629,787,800	\$96,890
29-Jul-02	GROUPEMA	Rehabilitation of the Ambavahadiromba to Antsahalemaka tertiary road, PK 0 to PK 13+500	930,205,805	\$143,109
29-Jul-02	EGECA	Rehabilitation of the Ankazotsaravolo to Antanandava tertiary road, PK 0 to PK 11+400	751,390,696	\$115,599
29-Jul-02	TOLOTSOA	Rehabilitation of the Tsarahonenana to Betsianjava tertiary road, PK 0 to PK 6+210	510,705,431	\$78,570
30-Jul-02	EGECORAM	Rehabilitation of the Andromba to Ambatomafana tertiary road, PK 0 to PK 13+820	916,258,991	\$140,963
21-Aug-02	EGECORAM	Rehabilitation of the RP 4 fa: Ademaka to Manampatrana, PK 0 to PK 6+000	383,707,876	\$59,032
9-Sep-02	ARR	Rehabilitation of the RP 1102 F from the RN 12 to Lokomby and Lokomby to Bekatra, PK 0 to PK 32+360	468,656,150	\$72,101
23-Sep-02	EBMA	Rehabilitation of the RNT 14 from PK 41 to PK 46	406,068,172	\$62,472
Pending USAID approval	COLAS	Rehabilitation of the North Wharf at the Port of Manakara	2,300,120,363	\$353,865
		Total	22,338,389,959	\$3,436,675
		Budget	23,348,747,500	\$3,592,115
		Balance available for additional warehouses and possible fixed-price subcontract with Lalana for the final inspection and continued AUP support.	1,010,357,541	\$155,440

Annex 1: Ambatondrazaka Evaluation Tables

Technical and Financial Evaluation Matrix, Section 1, Ankasina-Antendrondrano tertiary road, PK 0 to PK 11.4 (Lot 1)

Rank Lot 1	Firm	Technical Score /60	Financial Score /40	Total Score /100	Bid Amount (FMG)	Reason for removal from ranking
1	EGECORAM	53.45	40	93.5	823 072 944	Selected for Lot 6
2	EGACA	49.5	39.5	89.0	832 933 410	Disqualified, false declaration
3	EBMA	49.3	37.2	86.5	884 791 777	Remaining RNT 14 work
4	ECOGEC	44.13	38.3	82.4	789 331 823	Disqualified, false declaration
5	TAHINA	42.75	39.3	82.0	838 277 000	
6	GROUPEMA	43.25	38.8	82.0	798 258 058	
7	ARR	40.58	39.0	79.6	844 741 000	
8	RAZAKAMANDIMBY	36.37	37.1	73.5	768 113 900	
9	TOLOTSOA	47.68	24.0	71.6	1 373 776 533	
10	DIMBY	25.88	34.7	60.6	949 136 100	
11	CLEM	32.02	25.6	57.6	1 286 582 675	
12	LIANA	34.26	20.6	54.9	1 595 159 155	
13	COGENAL	26.28	25.5	51.8	1 292 551 213	
14	SNC	18.74	28.8	47.6	1 141 326 685	
15	COLAS	23.94	16.3	40.2	2 022 542 084	

Technical and Financial Evaluation Matrix, Section 2, Ambohijanaharikely-Kaloara tertiary road, PK 0 to PK 7.3 (Lot 2)

Rank Lot 2	Firm	Technical Score /60	Financial Score /40	Total Score /100	Bid Amount (FMG)	Reason for removal from ranking
1	EGECORAM	53.5	38.1	91.6	645 844 169	Selected for Lot 6
2	EGACA	48.8	37.5	86.3	657 642 985	Disqualified, false declaration
3	EBMA	48.9	35.1	83.9	702 671 825	Remaining RNT 14 work
4	ECOGEC	44.5	39.4	83.9	625 137 881	Disqualified, false declaration
5	GROUPEMA	42.5	39.1	81.6	630 353 341	Lot 3, longer
6	ARR	40.4	39.1	79.5	629 787 800	
7	TAHINA	41.5	37.9	79.4	649 523 000	
8	RAZAKAMANDIMBY	35.9	40.0	75.9	615 848 150	
9	TOLOTSOA	47.1	22.0	69.1	1 120 818 141	
10	DIMBY	25.4	32.0	57.4	769 430 850	
11	CLEM	30.8	23.5	54.3	1 047 826 798	
12	LIANA	33.8	19.6	53.4	1 253 929 126	
13	COGENAL	25.8	23.3	49.1	1 055 892 401	
14	SNC	18.3	26.7	45.0	922 437 520	
15	COLAS	22.7	13.6	36.3	1 813 604 212	

**Technical and Financial Evaluation Matrix, Section 3, Ambavahadiromba-
Antsahalemaka tertiary road, PK 0 to PK 13.5 (Lot 3)**

Rank Lot 3	Firm	Technical Score /60	Financial Score /40	Total Score /100	Bid Amount (FMG)	Reason for removal from ranking
1	EGECORAM	53.5	39.7	93.2	948 852 459	Selected for Lot 6
2	EGECA	51.2	40.0	91.2	942 515 997	Selected for Lot 4
3	EBMA	49.3	37.4	86.7	1 008 110 089	Remaining RNT 14, Lot 1 work
4	EGACA	49.5	36.3	85.8	1 039 730 485	Disqualified false declaration
5	GROUPEMA	43.3	39.5	82.7	930 205 805	
6	ECOGEC	44.1	38.4	82.5	906 379 836	
7	TAHINA	42.8	38.4	81.2	980 733 750	
8	ARR	40.6	38.1	78.7	989 109 700	
9	RAZAKAMANDIMBY	36.4	39.0	75.4	920 149 850	
10	TOLOTSOA	47.7	22.5	70.1	1 678 719 988	
11	DIMBY	25.9	35.5	61.4	1 061 439 600	
12	CLEM	32.0	26.3	58.3	1 434 131 526	
13	LIANA	34.3	21.2	55.5	1 774 570 766	
14	COGENAL	26.3	26.0	52.3	1 448 474 125	
15	SNC	18.7	28.1	46.8	1 342 127 310	
16	COLAS	23.9	17.2	41.1	2 191 006 868	

**Technical and Financial Evaluation Matrix, Section 4, Ankazotsaravolo -
Antanandava tertiary road, PK 0 to PK 11.4 (Lot 4)**

Rank Lot 4	Firm	Technical Score /60	Financial Score /40	Total Score /100	Bid Amount (FMG)	Reason for removal from ranking
1	EGECORAM	53.5	37.7	91.2	760 262 641	Selected for Lot 6
2	EGACA	49.5	39.7	89.2	809 280 590	Disqualified, false declaration
3	EGECA	51.4	37.2	88.7	751 390 696	
4	EBMA	49.3	36.8	86.1	872 960 914	
5	TAHINA	42.0	40.0	82.0	803 354 250	
6	ECOGEC	44.1	36.4	80.5	736 481 540	
7	ARR	40.6	39.7	80.3	808 437 650	
8	GROUPEMA	43.3	35.5	78.8	722 448 913	
9	RAZAKAMANDIMBY	36.4	37.3	73.7	752 371 900	
10	TOLOTSOA	47.7	24.2	71.9	1 327 492 974	
11	DIMBY	25.9	36.6	62.5	877 482 900	
12	CLEM	31.3	27.2	58.5	1 180 293 613	
13	LIANA	34.3	21.1	55.4	1 519 635 937	
14	COGENAL	26.3	26.4	52.7	1 215 087 537	
15	SNC	18.7	33.1	51.8	972 115 323	
16	COLAS	23.2	16.2	39.4	1 980 393 381	

Technical and Financial Evaluation Matrix, Section 5, Tsarahonenana-Betsianjava tertiary road, PK 0 to PK 6.2 (Lot 5)

Rank Lot 5	Firm	Technical Score /60	Financial Score /40	Total Score /100	Bid Amount (FMG)	Reason for removal from ranking
1	EGECA	53.1	39.3	92.4	453 564 015	Selected for Lot 4
2	EGECORAM	53.0	38.7	91.7	460 483 069	Selected for Lot 6
3	EGACA	49.9	36.4	86.3	489 253 820	Disqualified, false declaration
4	GROUPEMA	45.0	39.0	84.0	456 168 637	Selected for Lot 3
5	ARR	43.1	39.3	82.3	453 479 200	Selected for Lot 2
6	TAHINA	42.3	40.0	82.3	445 093 500	Selected for Lot 1
7	EBMA	48.7	31.9	80.5	558 950 472	Remaining RNT 14, Lot 1 work
8	ECOGEC	41.3	35.2	76.5	505 874 231	Disqualified, false declaration
9	TOLOTSOA	48.2	23.5	71.7	756 598 055	
10	RAZAKAMANDIMBY	33.1	36.3	69.4	490 898 500	
11	DIMBY	27.4	35.1	62.5	507 496 700	
12	CLEM	32.9	25.2	58.0	707 752 521	
13	MAMIRATRA	28.6	28.1	56.7	633 577 395	
14	SNC	19.1	29.8	48.9	596 627 404	
15	COGENAL	27.3	21.3	48.6	835 100 714	
16	LIANA	17.3	19.6	36.8	909 798 649	

Technical and Financial Evaluation Matrix, Section 6, Andromba-Ambatomafana tertiary road, PK 0 to PK 13.8 (Lot 6)

Rank Lot 6	Firm	Technical Score /60	Financial Score /40	Total Score /100	Bid Amount (FMG)
1	EGECORAM	53.5	38.7	92.2	916 258 991
2	EGECA	51.9	38.9	90.7	973 321 836
3	EGACA	49.5	37.5	87.0	1 008 291 970
4	GROUPEMA	45.4	40.0	85.4	945 698 777
5	EBMA	48.4	36.6	85.0	1 034 400 809
6	ARR	43.3	38.9	82.2	972 441 820
7	TAHINA	42.5	38.7	81.2	915 956 300
8	ECOGEC	40.6	39.5	80.1	958 406 566
9	TOLOTSOA	48.4	26.2	74.6	1 444 628 711
10	RAZAKAMANDIMBY	33.4	37.9	71.2	999 411 800
11	DIMBY	27.6	39.4	67.0	959 633 860
12	CLEM	33.1	28.0	61.1	1 349 141 751
13	MAMIRATRA	28.2	29.8	58.0	1 268 425 270
14	COGENAL	27.5	25.6	53.1	1 477 878 030
15	SNC	18.5	33.9	52.4	1 116 957 009
16	LIANA	17.5	20.9	38.4	1 806 843 100

Annex 2: Gantt Chart of remaining project activities